

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"830095".ap.	US-PGPUB	OR	ON	2007/09/13 13:56
S2	8	US-6408204-\$.DID. OR US-5964703-\$.DID. OR US-5947910-\$.DID. OR US-6375624-\$.DID. OR US-5954668-\$.DID. OR US-5334141-\$.DID. OR US-4647281-\$.DID. OR US-4877034-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 12:52
S3	0	"2006178616"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 16:51
S4	1	"20060178616"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 16:51
S5	1	"20020172323"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/11 16:51
S6	79335	("600").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/12 10:36
S7	232024	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/12 10:59
S8	3	(S6 S7) and (leak extravasation) with (detect\$3 indicat\$3 measur\$4) same (skin human blood adj vessel) and needle and (pulse wave) with (wavelength reflect\$3) and (time) with (difference differential change alteration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:06
S9	10	(leak extravasation) with (detect\$3 indicat\$3 measur\$4) same (tissue skin human blood adj vessel) and needle and (pulse wave) with (wavelength reflect\$3) and (time) with (difference differential change alteration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 13:09

## EAST Search History

S10	43	("20020040193"   "20020172323"   "20030004433"   "20030036674"   "3779079"   "3951136"   "4010749"   "4240445"   "4329689"   "4378808"   "4488559"   "4572182"   "4575705"   "4641659"   "4647281"   "4648869"   "4653501"   "4667679"   "4690149"   "4816019"   "4819648"   "4877034"   "4923442"   "4959050"   "4971068"   "5001436"   "5026348"   "5334141"   "5769784"   "5861019"   "5947910"   "5954668"   "5957950"   "5964703"   "5995863"   "6026173"   "6061589"   "6233479"   "6332087"   "6375624"   "6408204"   "6425878"   "6459931"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 11:10
S11	0	("7122012").URPN.	USPAT	OR	ON	2007/09/12 11:16
S12	1	US-6061589-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 12:59
S13	1	US-4877034-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 12:59
S14	38	("4877034").URPN.	USPAT	OR	ON	2007/09/12 13:03
S15	9	(S12 S13 S14) and wavelength and time adj (interval duration return)	USPAT	OR	ON	2007/09/12 13:05
S16	7	(S12 S13 S14) and wavelength and time not S15	USPAT	OR	ON	2007/09/12 13:05
S17	16	(leak extravasation) with (detect\$3 indicat\$3 measur\$4) same (tissue skin human blood adj vessel) and needle and (pulse wave) with (wavelength reflect\$3) and (ultrasound ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 13:15
S18	4	"9915074"	EPO; DERWENT	OR	ON	2007/09/12 13:16
S19	232024	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/12 15:56
S20	1507	S19 and (leak\$3) and (sound ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 15:59

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S21	618	S20 and (leak\$3) same (sound ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 09:10
S22	436	S20 and (leak\$3) same (sound ultrasound ultrasonic) and (time duration) same (pulse signal wave) same (wavelength frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 16:00
S23	82	S20 and (leak\$3) with (indicat\$3) same (sound ultrasound ultrasonic) and (time duration) same (pulse signal wave) same (wavelength frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 16:02
S24	222	S20 and (leak\$3) with (detect\$3) same (sound ultrasound ultrasonic) and (time duration) same (pulse signal wave) same (wavelength frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 16:02
S25	84513	("604").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/12 17:06
S26	2	S25 and (leak extravasation) with (detect\$3 indicat\$3 measur\$4) same (skin human blood adj vessel) and needle and (pulse wave) with (wavelength reflect\$3) and (time) with (difference differential change alteration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/12 17:07
S27	3	US-6487428-\$.DID. OR US-20040225255-\$.DID. OR US-20020172323-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 17:09
S28	3	US-20020272323-\$.DID. OR US-6487428-\$.DID. OR US-5964703-\$. DID. OR US-5947910-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 13:43
S29	0	"20020272323"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 17:10
S30	0	"2002272323"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 17:10
S31	0	("473357.ap.").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/13 13:57

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S32	2	("5741480").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/13 13:58
S33	2	("5741980").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/13 13:59
S34	423	(73/861.27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/13 14:06
S35	420	(73/861.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/13 14:06
S36	9	("5031467").URPN.	USPAT	OR	ON	2007/09/13 14:28
S37	7	("3369626"   "3776032"   "4744367"   "4790321"   "4803990"   "4944189"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 14:30
S38	2	("4647281"   "4653501").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/13 14:38
S39	21	(US-20030036713-\$ or US-20030036674-\$ or US-20060178616-\$ or US-20040225255-\$).did. or (US-7122012-\$ or US-4240445-\$ or US-6360611-\$ or US-H000924-\$ or US-7047058-\$ or US-6092420-\$ or US-5334141-\$ or US-4647281-\$ or US-6487428-\$ or US-4541281-\$ or US-4959050-\$ or US-4877034-\$ or US-5964703-\$ or US-5741980-\$ or US-5031467-\$ or US-5463905-\$).did. or (WO-9915074-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/09/13 14:44
S40	2	S39 and (time adj lag phase adj difference)	US-PGPUB; USPAT; EPO	OR	ON	2007/09/13 14:47
S41	97	(S34 S35) and (time near3 flight time near3 echo time adj lag phase adj difference) and (predetermined reference) near4 (time time adj lag phase adj difference)	US-PGPUB; USPAT; EPO	OR	ON	2007/09/13 17:05

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S42	232061	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/13 17:05
S43	258	S42 and (time near3 flight time near3 echo time adj lag phase adj difference) and (predetermined reference) near4 (time time adj lag phase adj difference) and (leak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:14
S44	38	S43 and (time near3 flight time near3 echo time adj lag phase adj difference) and (predetermined reference) near4 (time time adj lag phase adj difference) same (leak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:06
S45	1275	S42 and (sound ultrasound radio signal ultrasonic sonic electromagnetic radiation radio) and (pulse signal) with (transmit emission transmission receive receiver transceiver detection detector) and (time delay duration) with (emission detection) and (time near3 flight time near3 echo time adj lag phase adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:17
S46	7597	S42 and (sound ultrasound radio signal ultrasonic sonic electromagnetic radiation radio) and (pulse signal) with (transmit emission transmission receive receiver transceiver detection detector) and (time delay duration) with (emission detection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:18
S47	213	S42 and (sound ultrasound radio signal ultrasonic sonic electromagnetic radiation radio) and (pulse signal) with (transmit emission transmission receive receiver transceiver detection detector) and (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference) same (leak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:24
S48	59	S42 and (optical infrared electromagnetic radiation) and (pulse signal) with (transmit emission transmission receive receiver transceiver detection detector) and (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference) same (leak\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:38

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S49	701	S42 and (optical infrared electromagnetic radiation) and (pulse signal wavelength) with (transmit emission transmission receive receiver transceiver detection detector) same (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:39
S50	676	S42 and (optical infrared electromagnetic radiation) and (pulse signal wavelength) with (transmit emission transmission receive receiver transceiver detection detector) same (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference) and ("SOS" speed near2 sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:40
S51	210	S42 and (optical infrared electromagnetic radiation) and (pulse signal wavelength) with (transmit emission transmission receive receiver transceiver detection detector) same (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference) and ("SOS" speed near2 sound) with (change)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:40
S52	2537	21and (optical infrared electromagnetic radiation) and (pulse signal wavelength) with (transmit emission transmission receive receiver transceiver detection detector) same (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference) and ("SOS" speed near2 sound) with (change) and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:41
S53	87	S51 and (optical infrared electromagnetic radiation) and (pulse signal wavelength) with (transmit emission transmission receive receiver transceiver detection detector) same (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference) and ("SOS" speed near2 sound) with (change) and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:43

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S54	908	(optical infrared electromagnetic radiation) and (pulse signal wavelength) with (transmit emission transmission receive receiver transceiver detection detector) same (time delay duration) with (emission detection) and (predetermined reference) near4 (time time adj lag phase adj difference) and ("SOS" speed near2 sound) with (change) and fluid not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:45
S55	35	(optical infrared electromagnetic radiation) and (pulse signal wavelength) with (transmit emission transmission receive receiver transceiver detection detector) same (time delay duration) with (emission detection) and (predetermined reference) near4 ( time adj lag phase adj difference) and ("SOS" speed near2 sound) with (change) and fluid not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:47
S56	6	S42 and (pulse signal wave) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) same (interval time delay duration) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) and (predetermined reference) near4 ( time adj lag phase adj difference) and ("SOS" speed near2 sound) with (change) and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:58
S57	9	(pulse signal wave) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) same (interval time delay duration) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) and (predetermined reference) near4 ( time adj lag phase adj difference) and ("SOS" speed near2 sound) with (change) and fluid not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 17:54

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S58	13	S42 and (pulse signal wave) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) same (interval time delay duration) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) and (predetermined reference) near4 ( time adj lag phase adj difference phase adj lag) and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 18:25
S59	5	infrared and (pulse signal wave) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) same (interval time delay duration) with ((transmit emission transmission) and ( receive receiver transceiver detection detector)) and (predetermined reference) near4 ( time adj lag phase adj difference phase adj lag) and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 18:25
S60	232167	("73").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/24 09:09
S61	3876	S60 and (speeded near2 sound "SOS") same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 11:33
S62	527	S61 and (speeded near2 sound "SOS") with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 09:12
S63	304	S61 and (speeded near2 sound "SOS") with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency) with (change alteration modification correction attenuation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 09:12
S64	162	S61 and (speeded near2 sound "SOS") with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency) with (change alteration modification correction attenuation) and liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 11:33



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S65	162	S61 and ("speed of sound" "SOS") with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency) with (change alteration modification correction attenuation) and liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 09:25
S66	0	S61 and ("speed of sound" ) with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency) with (change alteration modification correction attenuation) and liquid and (time with travel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 09:25
S67	0	("speed of sound" ) with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency) with (change alteration modification correction attenuation) and liquid and (time with travel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 09:25
S68	0	("speed of sound" ) with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency) with (change alteration modification correction attenuation) and liquid and (time with (difference travel delay duration))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 09:25
S69	6	("4497210"   "4537073"   "4597292"   "4949310"   "4993416"   "5524626"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 11:30
S70	13	("6092420").URPN.	USPAT	OR	ON	2007/09/24 11:32
S71	32	S61 and (velocity near2 sound ) with (change alteration modify modification attenuation) same (ultrasound ultrasonic) and (time duration) same (pulse signal wave) and (wavelength frequency) with (change alteration modification correction attenuation) and liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 12:25
S72	1285	(73/597).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/24 12:25

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S73	471	(73/592).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/24 12:25
S74	38	S73 and ((velocity speed) near2 sound) and time with (delay duration difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 13:22
S75	280	S72 and ((velocity speed) near2 sound) and time with (delay duration difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 12:29
S76	236	S72 and ((velocity speed) near2 sound) and time with (delay duration difference) and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 13:20
S77	134	S72 and ((velocity speed) near2 sound) and time with (transit) and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 13:20
S78	27	S77 not S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 13:20
S79	13	S73 and ((velocity speed) near2 sound) and time with (transit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 14:23

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S80	42	(US-20030036674-\$ or US-20060178616-\$ or US-20040225255-\$ or US-20030036713-\$).did. or (US-4611496-\$ or US-6675111-\$ or US-4240445-\$ or US-5741980-\$ or US-7047058-\$ or US-4655083-\$ or US-7122012-\$ or US-6928369-\$ or US-4633719-\$ or US-4541281-\$ or US-6062091-\$ or US-5463905-\$ or US-5031467-\$ or US-4959050-\$ or US-4877034-\$ or US-H000924-\$ or US-5334141-\$ or US-5964703-\$ or US-4647281-\$ or US-4663977-\$ or US-6092420-\$ or US-6360611-\$ or US-6487428-\$ or US-5969254-\$ or US-5767409-\$ or US-6012324-\$).did. or (US-5816242-\$ or US-4773267-\$ or US-6883376-\$ or US-6810742-\$ or US-6295873-\$ or US-6009380-\$ or US-4947851-\$ or US-4669482-\$ or US-5255564-\$ or US-4361154-\$ or US-6644119-\$).did. or (WO-9915074-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/09/24 14:23
S81	9	S80 and ((velocity speed) near2 sound) and time with (transit duration flight )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/24 14:24
S82	42	(US-20030036674-\$ or US-20060178616-\$ or US-20040225255-\$ or US-20030036713-\$).did. or (US-4611496-\$ or US-6675111-\$ or US-4240445-\$ or US-5741980-\$ or US-7047058-\$ or US-4655083-\$ or US-7122012-\$ or US-6928369-\$ or US-4633719-\$ or US-4541281-\$ or US-6062091-\$ or US-5463905-\$ or US-5031467-\$ or US-4959050-\$ or US-4877034-\$ or US-H000924-\$ or US-5334141-\$ or US-5964703-\$ or US-4647281-\$ or US-4663977-\$ or US-6092420-\$ or US-6360611-\$ or US-6487428-\$ or US-5969254-\$ or US-5767409-\$ or US-6012324-\$).did. or (US-5816242-\$ or US-4773267-\$ or US-6883376-\$ or US-6810742-\$ or US-6295873-\$ or US-6009380-\$ or US-4947851-\$ or US-4669482-\$ or US-5255564-\$ or US-4361154-\$ or US-6644119-\$).did. or (WO-9915074-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/09/25 09:14

## EAST Search History

S83	30	S82 and (sonic acoustic ultra adj sonic ultrasonic sound adj waves vibration)	US-PGPUB; USPAT; EPO	OR	ON	2007/09/25 09:15
S84	48	("20020040193"   "20020172323"   "20030004433"   "20030036674"   "20030036713"   "3779079"   "3951136"   "4010749"   "4240445"   "4329689"   "4378808"   "4488559"   "4572182"   "4575705"   "4641659"   "4647281"   "4648869"   "4653501"   "4667679"   "4690149"   "4816019"   "4819648"   "4877034"   "4923442"   "4959050"   "4971068"   "5001436"   "5026348"   "5255683"   "5334141"   "5466438"   "5628322"   "5769784"   "5840026"   "5861019"   "5947910"   "5954668"   "5957950"   "5964703"   "5995863"   "6026173"   "6061589"   "6233479"   "6332087"   "6375624"   "6408204"   "6425878"   "6459931"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 12:15
S85	0	("7047058").URPN.	USPAT	OR	ON	2007/09/25 12:21
S86	1	US-7072180-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 13:44
S87	45	(US-20030036674-\$ or US-20060178616-\$ or US-20040225255-\$ or US-20030036713-\$).did. or (US-4611496-\$ or US-6675111-\$ or US-4240445-\$ or US-5741980-\$ or US-7047058-\$ or US-4655083-\$ or US-7122012-\$ or US-6928369-\$ or US-4633719-\$ or US-4541281-\$ or US-6062091-\$ or US-5463905-\$ or US-5031467-\$ or US-4959050-\$ or US-4877034-\$ or US-H000924-\$ or US-5334141-\$ or US-5964703-\$ or US-4647281-\$ or US-4663977-\$ or US-6092420-\$ or US-6360611-\$ or US-6487428-\$ or US-5969254-\$ or US-5767409-\$ or US-6012324-\$).did. or (US-5816242-\$ or US-4773267-\$ or US-6883376-\$ or US-6810742-\$ or US-6295873-\$ or US-6009380-\$ or US-4947851-\$ or US-4669482-\$ or US-5255564-\$ or US-4361154-\$ or US-6644119-\$ or US-6375624-\$ or US-5954668-\$ or US-5255683-\$).did. or (WO-9915074-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/09/26 11:36

## EAST Search History

S88	6	S87 and infrared	US-PGPUB; USPAT; EPO	OR	ON	2007/09/26 11:39
S89	4	S87 and electromagnetic near2 radiation	US-PGPUB; USPAT; EPO	OR	ON	2007/09/26 11:40
S90	1	S87 and electromagnetic near2 radiation and infrared	US-PGPUB; USPAT; EPO	OR	ON	2007/09/26 11:41
S91	8	US-6408204-\$.DID. OR US-5964703-\$. DID. OR US-5947910-\$.DID. OR US-6375624-\$.DID. OR US-5954668-\$. DID. OR US-5334141-\$.DID. OR US-4647281-\$.DID. OR US-4877034-\$. DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/26 17:59
S92	1	"20020172323"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/26 17:59
S93	1	"20060178616"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/26 17:59
S94	45	(US-20030036674-\$ or US-20060178616-\$ or US-20040225255-\$ or US-20030036713-\$).did. or (US-4611496-\$ or US-6675111-\$ or US-4240445-\$ or US-5741980-\$ or US-7047058-\$ or US-4655083-\$ or US-7122012-\$ or US-6928369-\$ or US-4633719-\$ or US-4541281-\$ or US-6062091-\$ or US-5463905-\$ or US-5031467-\$ or US-4959050-\$ or US-4877034-\$ or US-H000924-\$ or US-5334141-\$ or US-5964703-\$ or US-4647281-\$ or US-4663977-\$ or US-6092420-\$ or US-6360611-\$ or US-6487428-\$ or US-5969254-\$ or US-5767409-\$ or US-6012324-\$).did. or (US-5816242-\$ or US-4773267-\$ or US-6883376-\$ or US-6810742-\$ or US-6295873-\$ or US-6009380-\$ or US-4947851-\$ or US-4669482-\$ or US-5255564-\$ or US-4361154-\$ or US-6644119-\$ or US-6375624-\$ or US-5954668-\$ or US-5255683-\$).did. or (WO-9915074-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2007/09/26 17:59
S95	38	S94 not (S91 S92 S93)	US-PGPUB; USPAT; EPO	OR	ON	2007/09/26 18:00